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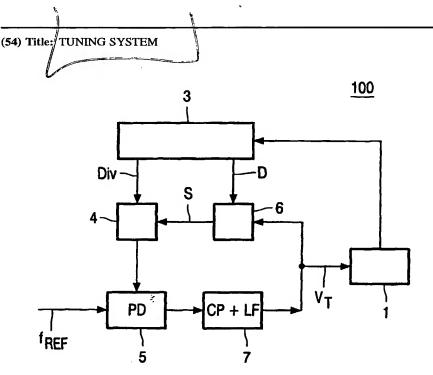
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(57) Abstract: A tuning system (100) for receiving a radio frequency input signal included in a frequency range, the range having a maximum frequency and a minimum frequency and a plurality of non-overlapping bands, the tuning system (100) voltage-controlled comprising а oscillator (6) controlled by an analog signal (V_T) and a first binary signal (D) and being characterized in that the analog signal (V_T) is inputted to a window comparator (1), said comparator (1) having a low threshold (VL) which is indicative for the minimum frequency and a high threshold (VH) which is indicative for the maximum frequency.